



RENO REFRACTORIES, INC

RENO CAST 60 L

TECHNICAL DATA SHEET

RENO CAST 60 L is a true 60% alumina conventional castable. It has high strengths, low iron, thermal shock resistance and volume stability. Often used as a general purpose high alumina castable.

RENO CAST 60 L shows excellent resistance to iron and steel slags.

SERVICE TEMPERATURE: 3100°F  
MATERIAL REQUIRED FOR ESTIMATING: 147 lbs./cu. ft.  
CASTING WATER: 9 - 10%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MgO	CaO	Alkalies	Other
62.3	31.2	0.9	1.7	0.1	3.5	0.2	0.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	1,100	3,470	Nil
1500	780	3,500	-0.1
2000	600	2,500	-0.1
2500	1,800	5,150	+0.4
3000	2,450	7,290	+1.8

PACKAGING: 55 lb. Bags, 64 per Pallet (3,520 lbs.)

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The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.

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